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pages: 5 (including this cover sheet)

Message:

Dear George,

For your information, attached are the press release and latest draft of the agenda for the August 27, 1998 perchlorate stakeholders forum at ASU-West.

Please do not hesitate to call me if you have any questions.

Thank you,

Catherine McCracken



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ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

- For immediate release: August 13, 1998
- Contact: Paula Bruin, U.S. EPA Region 9, (415) 744-1587
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- ***PERCHLORATE FORUM TO BE HELD IN PHOENIX***

(San Francisco/Phoenix) -- A public forum to discuss potential perchlorate contamination in the environment will be held later this month in Phoenix, Ariz. The Interagency Perchlorate Steering Committee (IPSC) which is sponsoring the hearing plans to share information on key scientific issues and hear stakeholder concerns about potential perchlorate contamination in the environment.

Ammonium perchlorate is an inorganic salt used in solid rocket fuel, munitions and in the fireworks industry. Perchlorate manufacturers estimate that approximately 90 percent of perchlorate is used for solid rocket fuel. Ammonium perchlorate dissolves as easily as table salt, and the resulting anion is stable, can persist for decades in the environment, and moves easily through both groundwater and surface water. Perchlorate has been detected in 110 public water supply wells in California from at least 14 distinct sources, in the Colorado River from sources in Nevada, and in surface or groundwater in Utah, Texas, New York, Maryland and Arkansas. The Colorado River is an important source of municipal and agricultural water for the state of Arizona.

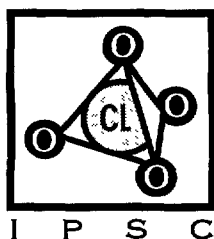
The stakeholder forum will be held at Arizona State University West Campus Thursday, August 27, 1998, from 8:30 a.m. to 5:30 p.m., in the La Sala Rooms B and C, University Center Building, 4701 W. Thunderbird., Phoenix. A stakeholder forum is also being held in Salt Lake City Tuesday, August 25, 1998.

The IPSC is seeking input from State and Tribal drinking water programs, public water systems, public health organizations, academia, environmental and public interest groups, engineering firms, and other members of the public, and encourages the full participation of stakeholders at the forums.

To register for the forum, please contact the EPA Safe Drinking Water Hotline by calling 1-800-426-4791 or 703-285-1093 between 9:00 a.m. and 5:30 p.m. EDT or by sending an e-mail message to: hotline-sdwa@epa.gov. There is no registration fee for the stakeholder forum, but participants should pre-register. Those registered by August 17, 1998, will receive a draft agenda, logistics information, and discussion papers prior to the forum. For additional information on forum logistics, please contact the EPA Safe Drinking Water Hotline at 1-800-426-4791.

The IPSC is a working partnership of governmental agencies chartered to facilitate and coordinate issues related to perchlorate. The members of the IPSC as of July 1998 are: the U.S. Environmental Protection Agency, the Department of Defense, the Agency for Toxic Substances and Disease Registry, the National Institute for Environmental Health Sciences, the Arizona Department of Environmental Quality, the California Department of Health Services, the Nevada Division of Environmental Protection, the Texas Natural Resource Conservation Commission, the Utah Department of Environmental Quality, the Utah Department of Health Laboratories, the Cocopah Indian Tribe, the Colorado River Indian Tribes, the Ft. Mojave Indian Tribe, the Chemehuevi Indian Tribe, and the Quechan Indian Tribe.

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Perchlorate Stakeholders Forum

Sponsored by the

Interagency Perchlorate Steering Committee

August 27, 1998 Phoenix, Arizona

Arizona State University - West, La Sala Rooms B and C,
University Center Building, 4701 West Thunderbird

Draft Agenda (as of 8/18/98)

7:30 - 8:30 a.m.

Check-in and walk-in registration

8:30 - 8:40 a.m.

Administrative Announcements

Catherine McCracken, Superfund Division, USEPA Region 9

8:40 - 8:45 a.m.

Welcome

Glenn Irvin, Vice Provost, Arizona State University-West, Phoenix, AZ

8:45 - 9:15 a.m.

Opening Remarks

John Lewis, Chairman, Intertribal Council of Arizona, Phoenix, AZ

Russell Rhoades, Director, Arizona Department of Environmental Quality, Phoenix, AZ

Keith Takata, Director, Superfund Division, United States Environmental Protection Agency Region 9, San Francisco, CA

9:15 a.m. - 10:00 a.m.

SESSION 1 - Background

Overview and History of the Perchlorate Problem

Time-line for Ongoing Activities on Perchlorate

Lt. Col. Dan Rogers, U.S. Air Force, Wright Patterson Air Force Base, OH

Perchlorate Occurrence

Kevin Mayer, Superfund Division, USEPA Region 9, San Francisco, CA

Dale Ohnmeiss, Program Development and Outreach Unit, Arizona Department of Environmental Quality, Phoenix, AZ

10:00 a.m. - 10:15 a.m.

BREAK

10:15 a.m. - 11:45 a.m.

SESSION 2 - Perchlorate Health Effects/Toxicity

Status and Strategy of Ongoing Studies

Development of Revised Reference Dose/Risk Assessment

Annie Jarabek, National Center for Environmental Assessment, USEPA, Research Triangle Park, NC

David Mattie, U.S. Air Force Research Lab, Wright Patterson Air Force Base, OH

External Peer Review of Risk Assessment

Peter Grevatt, Office of Solid Waste and Emergency Response, USEPA, Washington, DC

Update – Office of Water Regulatory and Policy Activities
Mike Osinski, Office of Water, USEPA, Washington, DC

11:45 a.m. - 12:15 p.m. Facilitated Discussion

Facilitator: Catherine McCracken, Superfund Division, USEPA Region 9, San Francisco, CA

12:15 p.m. - 1:15 p.m. LUNCH

1:15 p.m. - 2:00 p.m. SESSION 3 -Analytical Methods

Chemistry of Perchlorate/Background on Analytical Techniques
Analysis of Perchlorate by Ion Chromatography (IC)
Interlaboratory Study on the Performance of IC Methods
Anion Interference Study/Stability Study
Effects of Methods Parameters

David Tsui, U.S. Air Force, Wright Patterson Air Force Base, OH

2:00 p.m. - 2:15 p.m. BREAK

2:15 p.m. - 3:00 p.m. SESSION 4 - Ecological Impacts/Transport and Transformation

Introduction/Background/Transport and Transformation
Historical Studies/Applicability
Proposed Activities - Data Gaps/Future Direction
Cornell Long, Human Systems Center, Brooks Air Force Base, TX
Ron Porter, Human Systems Center, Brooks Air Force Base, TX

3:00 p.m. - 3:30 p.m. Facilitated Discussion

Facilitator: Vicky Semones, Superfund Division, USEPA Region 9, San Francisco, CA

3:30 p.m. - 3:45 p.m. BREAK

3:45 p.m. - 4:30 p.m. SESSION 5 - Treatment Technology

Background/Introduction to Past and Current Treatment Studies
Biological Treatment of Wastewater
Biological Treatment of Low Level Perchlorate Contamination
Perchlorate Treatment by Ion Exchange
Perchlorate Treatment by Enhanced Coagulation and Advanced Oxidation Membranes
Future Treatment Studies

Jim Hurley, U.S. Air Force Research Lab, Tyndall Air Force Base, FL

4:30 p.m. - 5:00 p.m. Facilitated Discussion

Facilitator: Vicky Semones, Superfund Division, USEPA Region 9, San Francisco, CA

5:00 p.m. - 5:30 p.m. Session 6 - Summary & Closing

Wrap-up & Next Steps